



FEMA

Disclaimer: The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to <http://www.srh.noaa.gov> and click on the "Weather Forecast Offices" tab and click on the map for your area.

FEMA Region 6 Weather Threat Briefing

Tuesday, November 22, 2016
Issued: 0800 CT

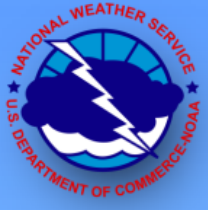
Day 1 Weather Hazards: Slight risk of severe storms over E-Central TX, SE OK & SW AR later today, damaging winds are the main threat (isolated tornadoes/large hail).

National Weather Service

Southern Region Headquarters
Regional Operations Center
Fort Worth, TX



Prepared by: Adam Baker / Kurt Van Speybroeck
817-978-1100 x 147



Key Points

Today

- Slight risk for severe storms over E-Central TX, SE OK & SW AR this afternoon and evening; main threat will be damaging winds (isolated tornadoes/large hail)
 - Marginal threat for severe weather extends into more of E OK & W AR/LA
 - Locally heavy rainfall will be possible over E TX, SW AR and NW LA, but widespread flooding is not expected

Wednesday

- Showers and a few storms are possible over southeastern portions of the Region during the day, but severe weather and/or flooding is not expected

Thursday - Saturday

- Quiet weather expected Region-wide on Thanksgiving (just few shower/storms possible central TX)
- Weak cold front on Friday may bring shower activity to S TX/LA

Tropical Outlook

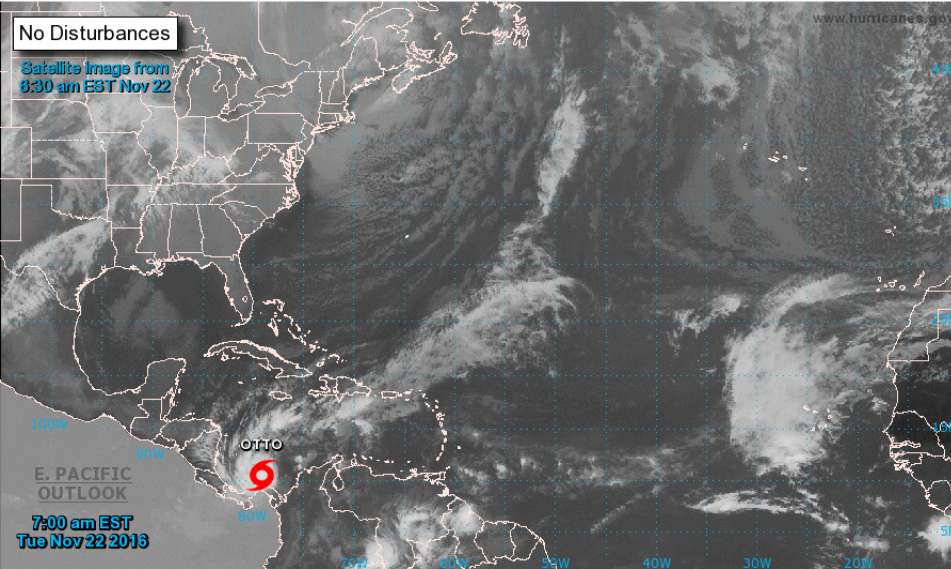
- Tropical Storm Otto has formed over the southwestern Caribbean Sea. While some strengthening is forecast, the track stays well south of the region - No impacts to FEMA Region 6

Tropical Weather Outlook



Two-Day Graphical Tropical Weather Outlook

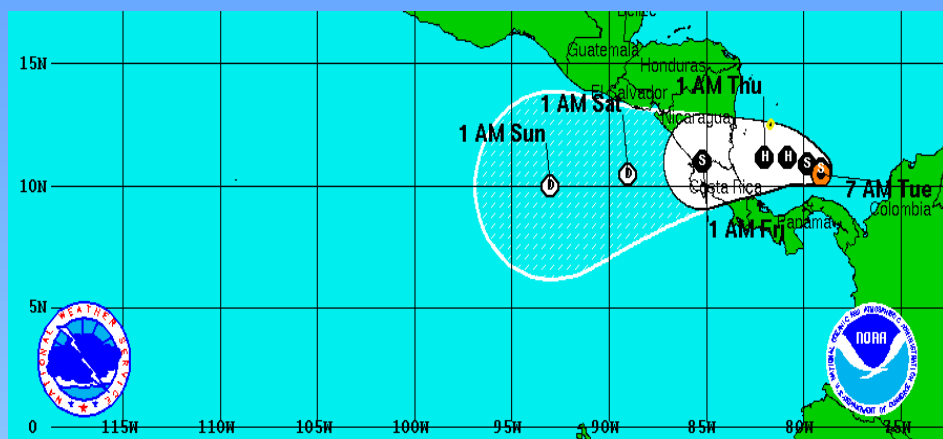
National Hurricane Center Miami, Florida



Current Disturbances and Two-Day Cyclone Formation Chance: ✖ < 40% ✖ 40-60% ✖ > 60%
 Tropical or Sub-Tropical Cyclone: ○ Depression ◐ Storm ● Hurricane
◑ Post-Tropical Cyclone ✕ Remnants

At 700 AM EST (1200 UTC), Tropical Storm Otto in the south Caribbean has been moving erratically, and little net motion is expected today. A slow WNW motion is expected tonight and Wednesday, followed by a turn toward the west Wednesday night. Max sustained winds have increased to near 70 mph (110 km/h). No impacts to FEMA IV.

- No new tropical cyclones are expected during the next 5 days.



Tropical Storm Otto

Tuesday November 22, 2016

7 AM EST Intermediate Advisory 6A

NWS National Hurricane Center

Current Information:

Center Location 10.5 N 79.1 W

Max Sustained Wind 70 mph

Movement Stationary

Forecast Positions:

● Tropical Cyclone ○ Post-Tropical

Sustained Winds: D < 39 mph

S 39-73 mph H 74-110 mph M > 110mph

Potential Track Area:

▬ Day 1-3 ▬ Day 4-5

Watches:

■ Hurricane ■ Trop.Storm

Warnings:

■ Hurricane ■ Trop.Storm



Five-Day Graphical Tropical Weather Outlook

National Hurricane Center Miami, Florida



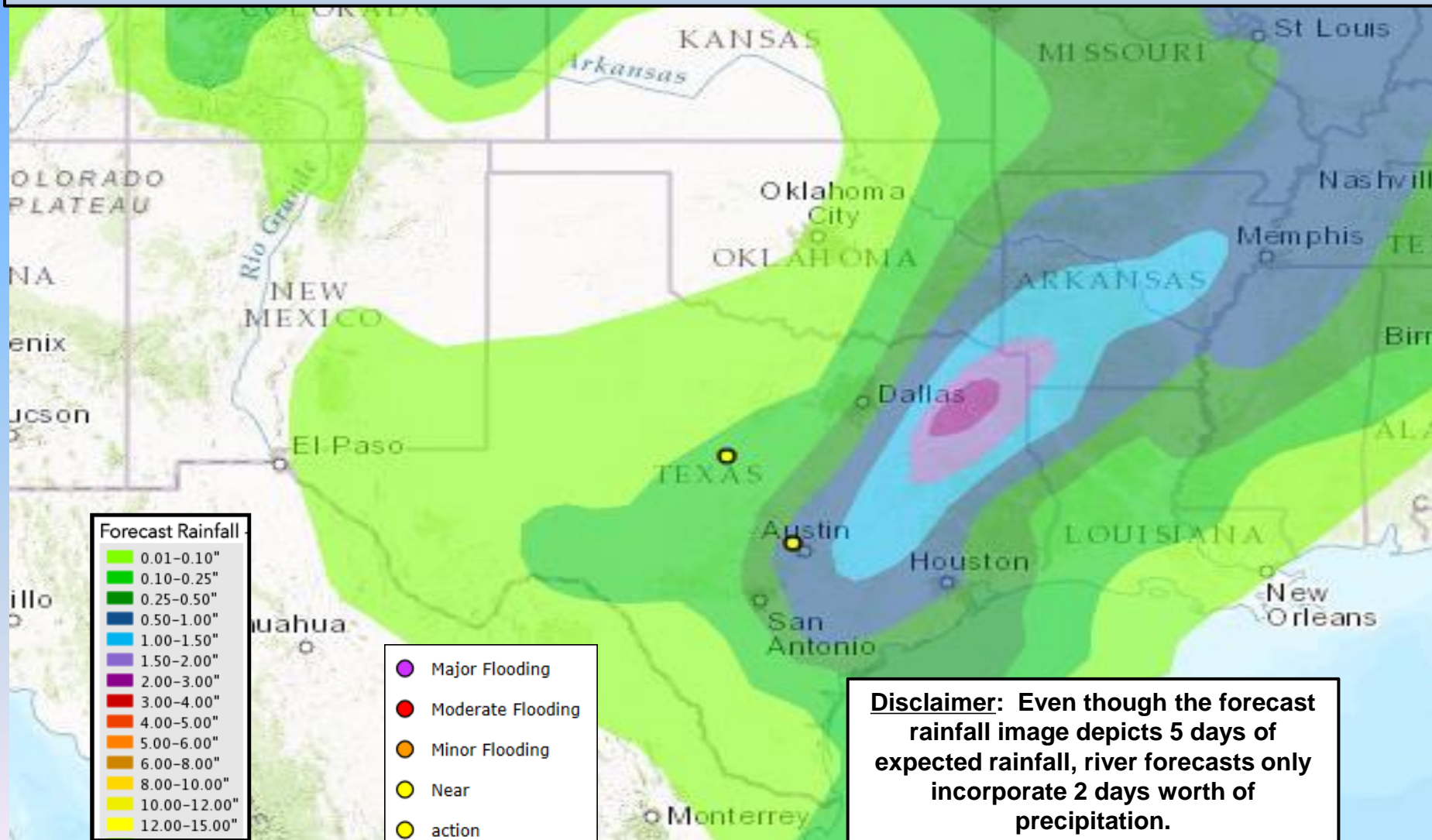
Tropical Cyclone Formation Potential for the Five-Day Period Ending at 7:00 am EST Sun Nov 27 2016

Chance of Cyclone Formation in Five Days: ■ Low < 40% ■ Medium 40-60% ■ High > 60%

X indicates current disturbance location; shading indicates potential formation area.

5-Day Precipitation Forecast & River Flood Status

There is currently no significant river flooding observed/forecast across the Region.



For the latest on river flooding: <http://water.weather.gov/ahps>

*FEMA Region 6 Threat Matrix

Nov 22, 2016 - Nov 26, 2016

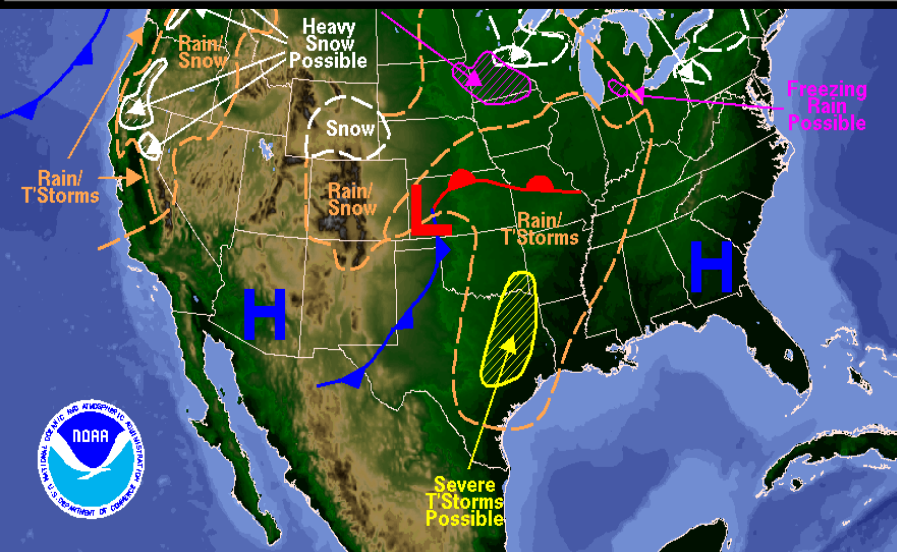
	TUE	WED	THU	FRI	SAT
Severe Weather	E-Central TX, SE OK/SW AR				
	E TX/OK, W AR/LA				
Heavy Rain / Flash Flooding	E TX, SW AR, NW LA				
Tropical					
Fire Weather					
River Flooding					

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

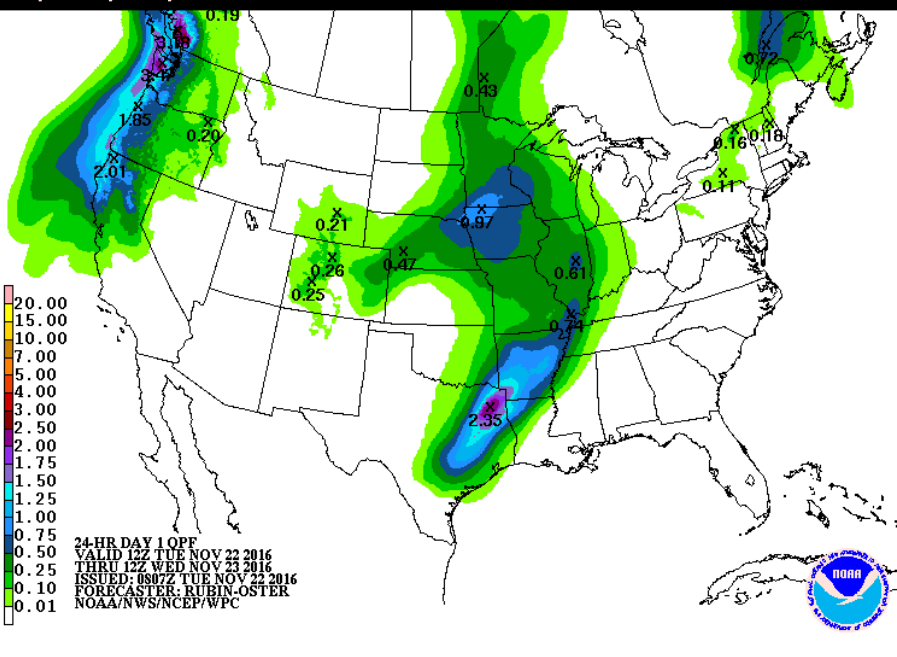
For more details on the colors in the threat matrix refer to the last slide in this briefing.



Today's Weather

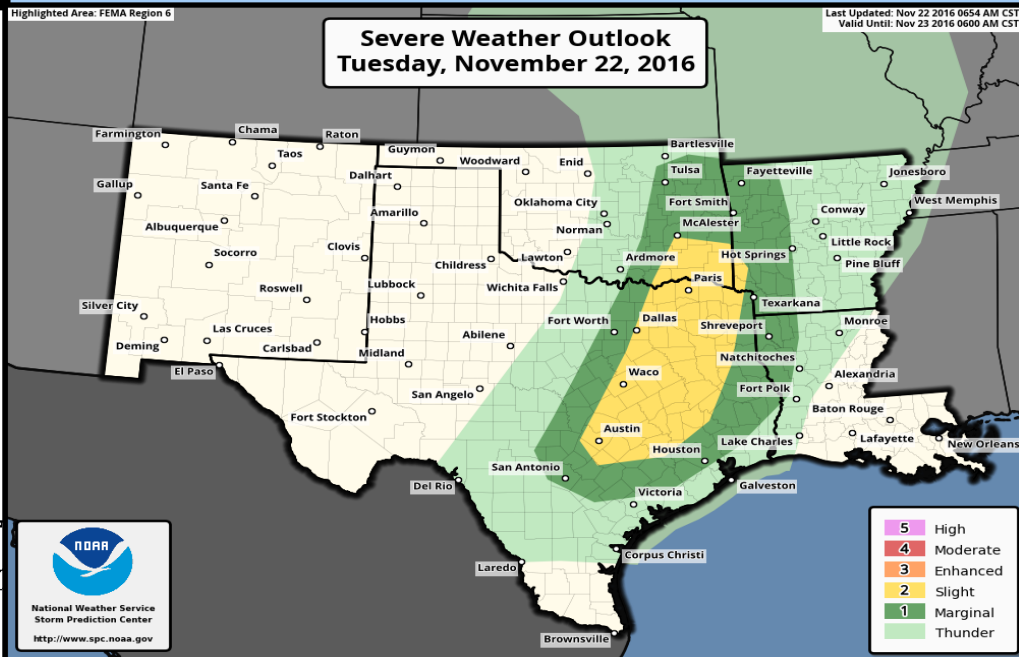


Weather Forecast for Tue, Nov 22, 2016, issued 7:44 AM EST
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McCreynolds based on WPC, SPC and NHC forecasts

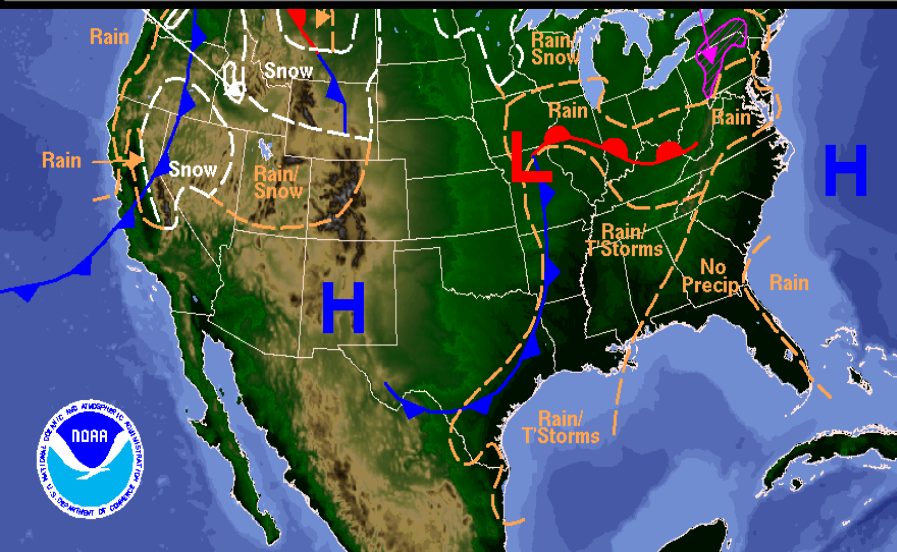


Slight Risk of severe thunderstorms over E-Central TX, SE OK & SW AR. Damaging winds are the main threat, isolated tornadoes/large hail

Marginal risk of severe thunderstorms over much of E TX/OK & W AR/LA. Locally heavy rainfall possible over E TX, SW AR and NW LA.

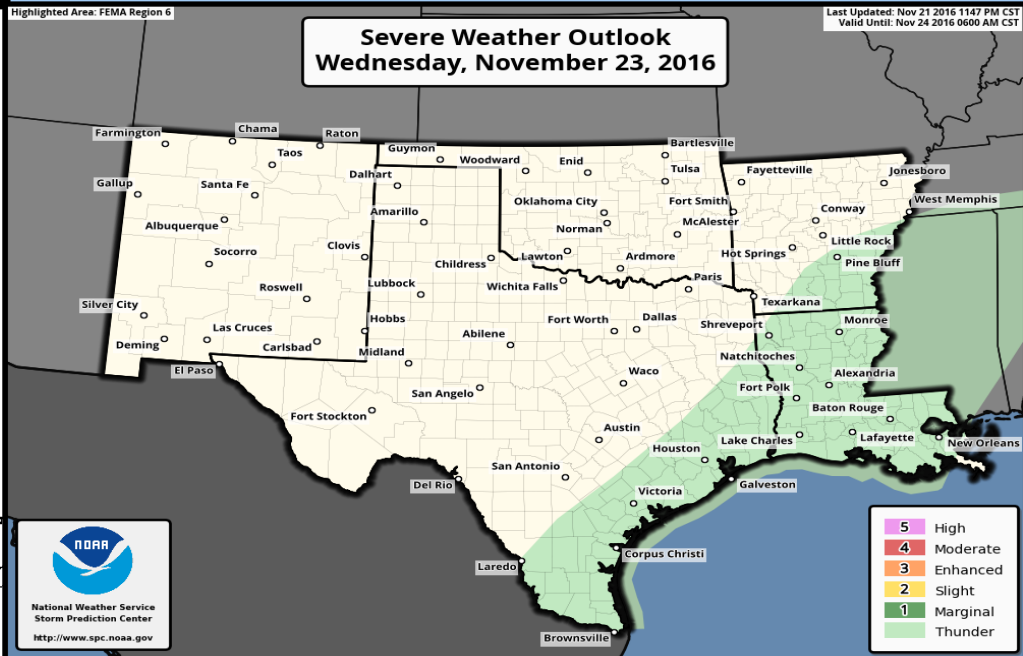
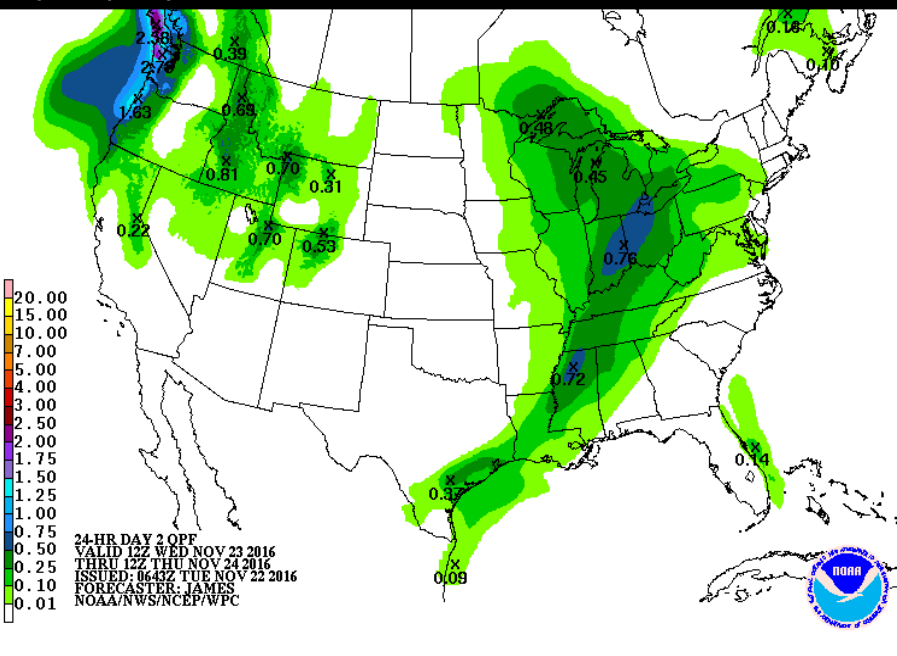


Tomorrow's Weather

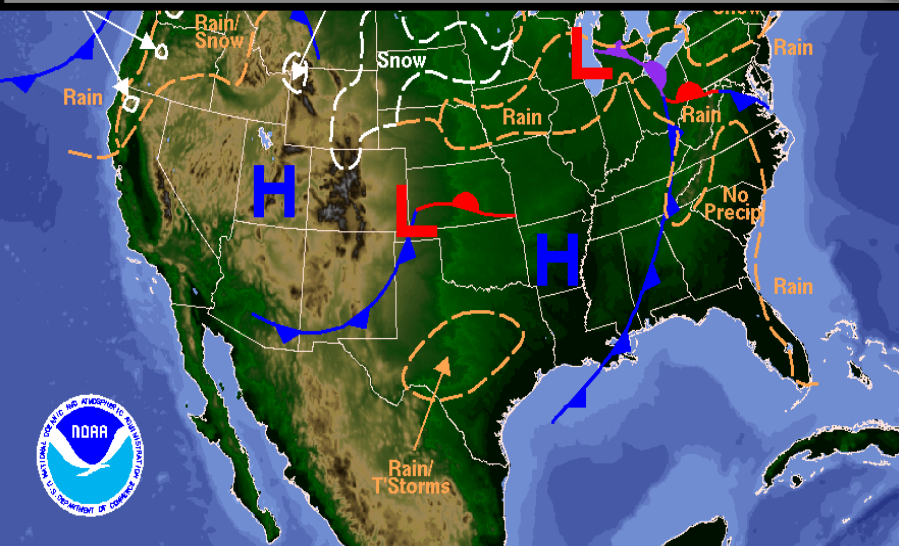


A few storms remain over southeastern portions of the Region, but severe weather and/or flooding is not expected.

Weather Forecast for Wed, Nov 23, 2016, issued 4:50 AM EST Tue, Nov 22, 2016
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McReynolds based on WPC, SPC and NHC forecasts

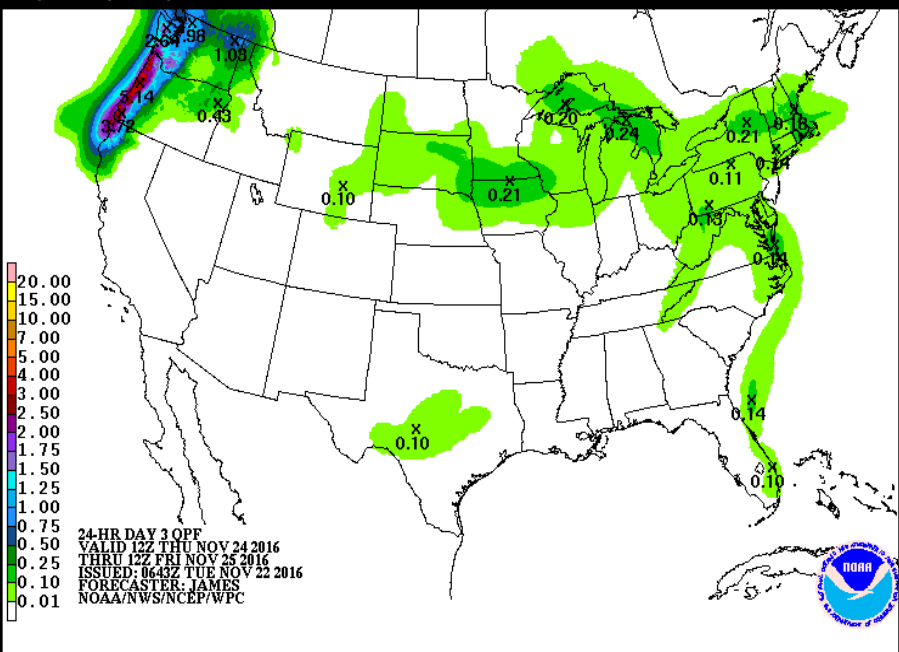


Thanksgiving Day



Weather Forecast for Thu, Nov 24, 2016, issued 4:53 AM EST Tue, Nov 22, 2016
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McReynolds based on WPC, SPC and NHC forecasts

A few showers/storms possible in central TX. No significant weather expected.



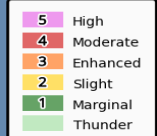
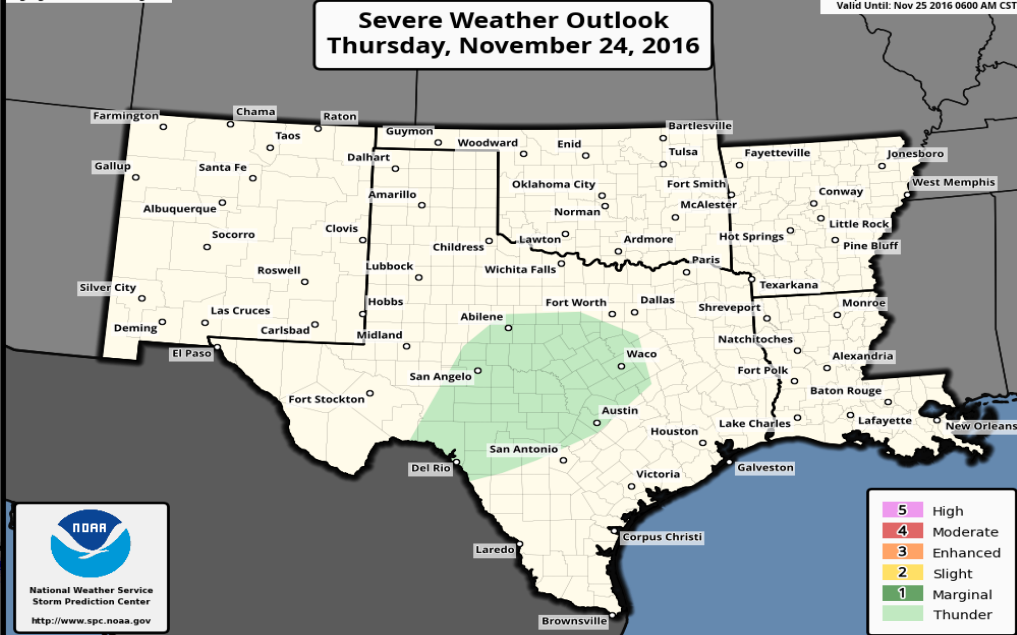
24-HR DAY 3 QPF
VALID 12Z THU NOV 24 2016
THRU 12Z FRI NOV 25 2016
ISSUED: 0643Z TUE NOV 22 2016
FORECASTER: JAMES
NOAA/NWS/NCEP/WPC



Highlighted Area: FEMA Region 6

Severe Weather Outlook Thursday, November 24, 2016

Last Updated: Nov 22 2016 0228 AM CST
Valid Until: Nov 25 2016 0600 AM CST

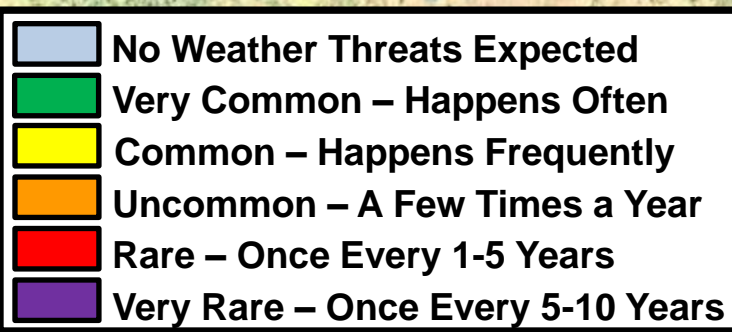


Day 4-5 Weather Hazards

Valid: 0800 Fri - 0800 Sun



**No significant
weather expected.**

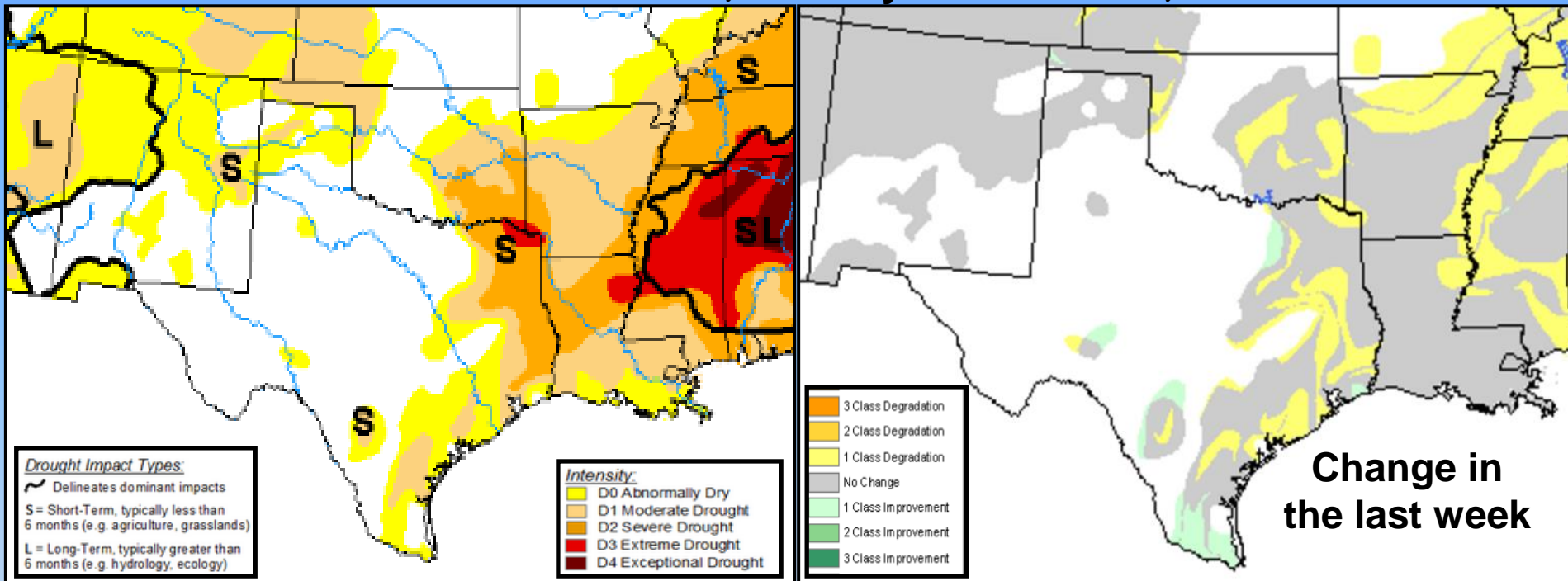


*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.



Drought Monitor Released November 17, 2016

Data valid as of 7am CDT, Tuesday November 15, 2016



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.65%	0.00%	0.00%	0.00%
Texas	0.63%	0.00%	0.00%	0.00%
Arkansas	1.13%	0.00%	0.00%	0.00%
Louisiana	4.59%	0.00%	0.00%	0.00%
New Mexico	0.00%	0.00%	0.00%	0.00%

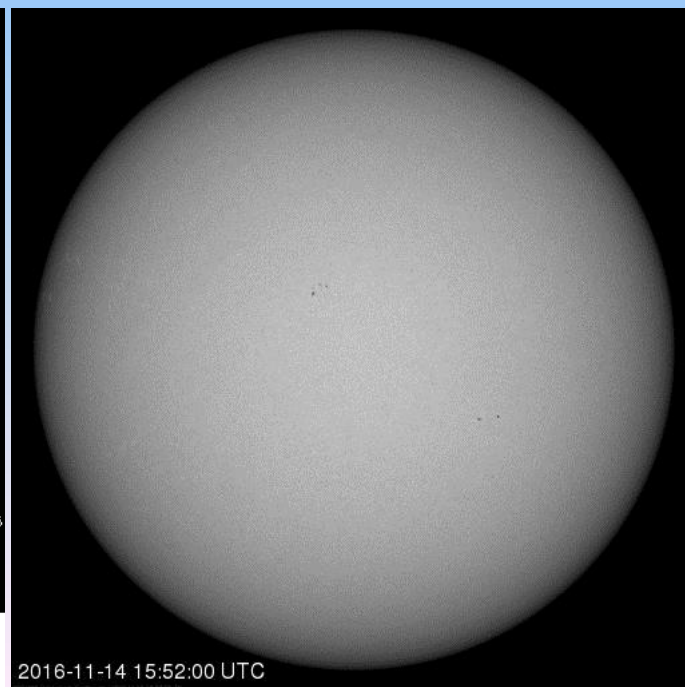
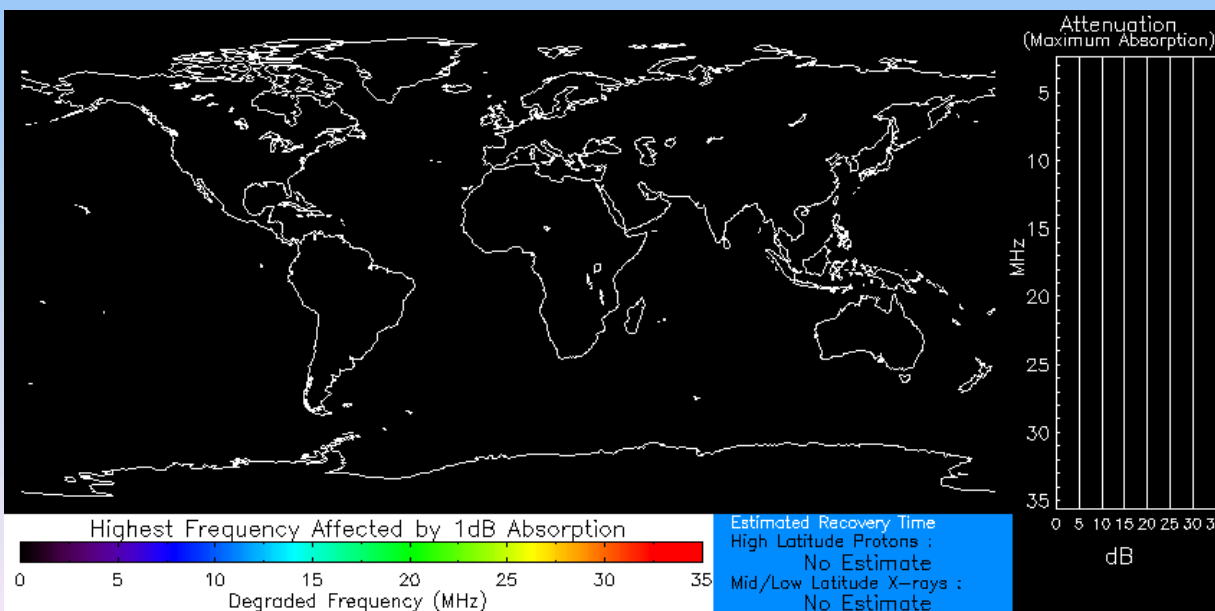
Space Weather 3-Day Forecast



	Tuesday	Wednesday	Thursday
Geomagnetic Storms	Unsettled to Active (Max Kp = 4)	Unsettled (Max Kp = 3)	Unsettled to Active (Max Kp = 4)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%

[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)



Normal X-ray Background
 Product Valid At : 2016-11-22 13:14 UTC

Normal Proton Background
 NOAA/SWPC Boulder, CO USA

2016-11-14 15:52:00 UTC

Information provided by:



National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (817) 978-1100 x147

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh> (**NEW link!!**)

facebook

<https://www.facebook.com/NWSSouthern>

twitter

@NWS_Southern_US https://twitter.com/NWS_Southern_US

The criteria for the color codes in our briefings is below, please provide any feedback to sr-srh.roc@noaa.gov.



Weather "Threat" Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms